

Presentation for California Regulation and  
Certification Procedures for Light-Duty  
Engine Packages for Use In New Light-Duty  
Specially-Produced Motor Vehicles for 2019  
And Subsequent Model Years

Scuderia Cameron Glickenhaus LLC (SCG)  
October 25, 2018

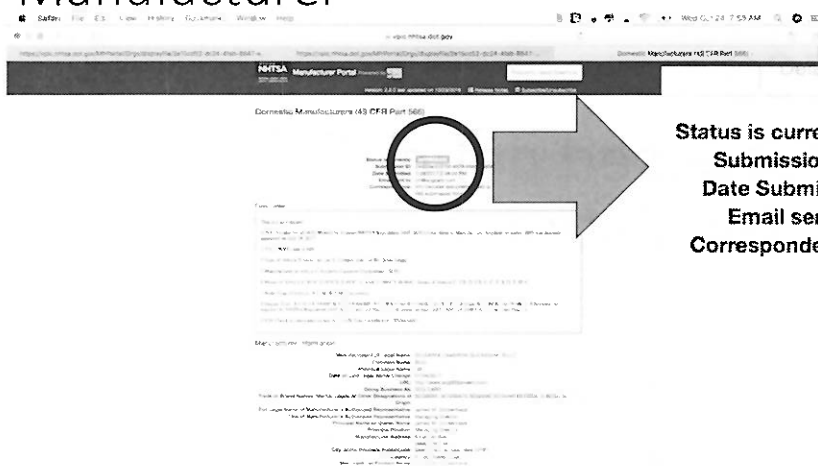
## Roadmap

1. Who is SCG?
2. CARB's proposed definition prevents regulation from achieving its objectives
3. Solutions to allow proposed regulation to achieve its objective

# 1. Who is SCG?

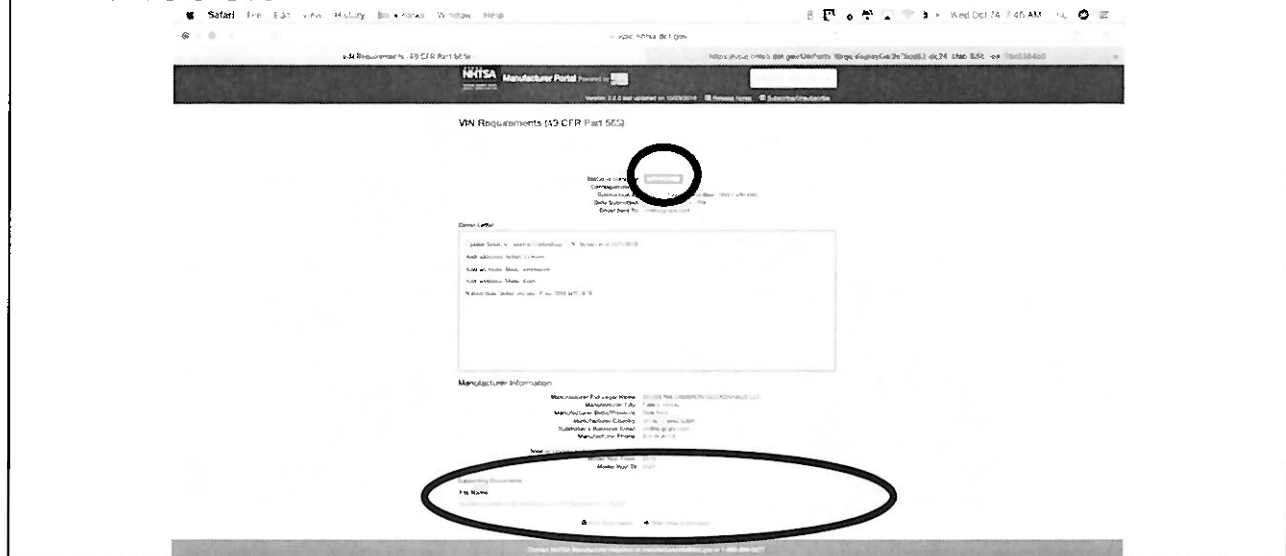


## 1. SCG is a NHTSA-Approved Low Volume Manufacturer



**Status is currently:** **APPROVED**  
**Submission ID:** 24d05acb-27bf-4978-bfab-  
**Date Submitted:** 7/26/2017 2:58:24 PM  
**Email sent to:** jim@scgcars.com  
**Correspondence:** VIN Decoder documents ne

# NHTSA has approved SCG Low Volume Replica Models



## NHTSA's Manufacturer Portal VIN Decoder

Status is currently: **APPROVED**  
 Correspondence:  
 Submission ID: d0c269a8-cecd-4a64-8ead-d5d00a785b4b  
 Date Submitted: 10/11/2018 1:25:41 PM  
 Email Sent To: jrm@scgcars.com



## 2. Proposed definition prevents regulation from achieving its objectives



CARB's Stated Objective: Align with FAST ACT to Allow Replica Sales in California

"The primary objectives of the proposed regulation are to align with the federal Fixing America's Surface Transportation Act (H.R. 22, 2014), and to create a process for SPMV manufacturers to sell low-emitting replica cars in California."

- CARB Notice of Public Hearing, Page 6

## CARB's proposed replica definition differs significantly from the FAST Act's definition

### CARB

Resembles the body of an on-road motor vehicle, on an overall 1:1 scale (+/- 10 percent), that had been commercially manufactured for sale not less than 25 years ago, with a production run of at least 500 units, before the manufacture of the current model year motor vehicle;

- SPMV § 2209.1(17)-(A)

### Federal FAST Act

“(i) is intended to resemble the body of another motor vehicle that was manufactured not less than 25 years before the manufacture of the replica motor vehicle;

- FAST Act §. 24405(b)(7)(B)(i)-(ii)

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### Federal FAST Act

“(i) is intended to resemble the body of another motor vehicle that was manufactured not less than 25 years before the manufacture of the replica motor vehicle;

- FAST Act §. 24405(b)(7)(B)(i)-(ii)

## Boot Meets FAST Act Definition of Replica

“(i) is intended to resemble the body of another motor vehicle that was manufactured not less than 25 years before the manufacture of the replica motor vehicle;  
- FAST Act §. 24405(b)(7)(B)(i)-(ii)

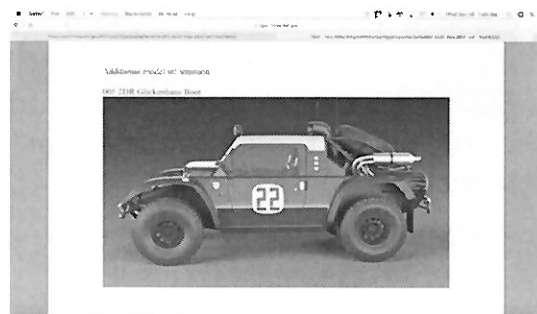


Boot is Already Approved by NHTSA under FAST Act

Marked Approved and published by NHTSA in our VIN Decoder



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## Boot is blocked by CARB's proposed replica definition



### CARB

Resembles the body of an on-road motor vehicle, on an overall 1:1 scale (+/- 10 percent), that had been commercially manufactured for sale not less than 25 years ago, with a production run of at least 500 units, before the manufacture of the current model year motor vehicle;

- SPMV § 2209.1(17)-(A)

# CARB's proposed definition blocks several vehicles that have already been approved by NHTSA under the FAST Act.

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### 3. Solution to allow proposed regulation to achieve its objective



### Solution A: CARB Replica Definition = FAST Act Replica Definition

- CARB

Resembles the body of an on-road motor vehicle, on an overall 1:1 scale (+/- 10 percent), that had been commercially manufactured for sale not less than 25 years ago, with a production run of at least 500 units, before the manufacture of the current model year motor vehicle;

- SPMV § 2209.1(17)-(A)

- Federal FAST Act

“(i) is intended to resemble the body of another motor vehicle that was manufactured not less than 25 years before the manufacture of the replica motor vehicle;

- FAST Act §. 24405(b)(7)(B)(i)-(ii)



Solution B: CARB could add the following language to their current definition of replica

“Or any vehicle which has, by the time of the adoption of this regulation, been approved by NHTSA as a replica, as evidenced by the vehicle’s identification in a NHTSA-Approved Low Volume Manufacturer’s VIN Decoder.”

Solution B: CARB could add the following language to their current definition of replica

“Or any vehicle which has, by the time of the adoption of this regulation, been approved by NHTSA as a replica, as evidenced by the vehicle’s identification in a NHTSA-Approved Low Volume Manufacturer’s VIN Decoder.”

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If CARB adopts this proposed regulation. . .



- SCG immediately commits to spend at least \$500,000 over the next 12 months in the State of California to design, engineer, fabricate, build, and test a replica Baja Boot.

If CARB adopts this proposed regulation. . .



- SCG will spend an estimated \$10-12 million each year for the next several years in the State of California to manufacture and build replica boots in California

If CARB adopts this proposed regulation. . .



- SCG will use Verified Carbon Offsets to more than offset the anticipated lifetime emissions from the vehicle's driving so that each vehicle sold in California will be net carbon negative

If CARB adopts this proposed regulation. . .



- SCG will use our best efforts to license dealers in the State of California to sell, service, and repair the Boots so they stay safe and clean

If CARB adopts this proposed regulation. . .



- SCG immediately commits to spend at least \$500,000 over the next 12 months in the State of California to design, engineer, fabricate, build, and test a replica Baja Boot.
- Spend an estimated \$10-12 million each year for the next several years in the State of California to manufacture and build replica boots in California
- Use Verified Carbon Offsets to more than offset the anticipated lifetime emissions from the vehicle's driving so that each vehicle sold in California will be net carbon negative
- Use our best efforts to license dealers in the State to sell, service, and repair the Boots so they stay safe and clean

Questions?



Solution B: CARB add to their current definition of replica the following language:

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## BOOT: HISTORY/LEGACY



1967

Vic Hickey, the designer of the Lunar Rover, designs the Boot for the Baja 1000

1967

Boot raced in the inaugural Baja 1000

1968

Boot acquired by Steve McQueen

1969

Boot runs the Baja 1000, runs and wins the inaugural Baja 500

1970

McQueen continues off-road racing

## BOOT TEAM



### Jim Glickenhaus

Founder, Managing Member of SCG  
*Dreamer and builder of dreams.*

- Created Ferrari P4/5 by Pininfarina
- The only private manufacturer to ever take the Pole at the 24 Hours of Nürburgring
- The only private manufacturer to win an FIA World Championship Alternative Energies Cup



### Jesse Glickenhaus

Founder, Managing Director of SCG  
*Dreamer and manager of impossible projects.*

- Changed 60% of the lights in Palau to be more energy efficient
- Written and passed a United Nations General Assembly Resolution about international peace and security

## BOOT TEAM (CONT.)

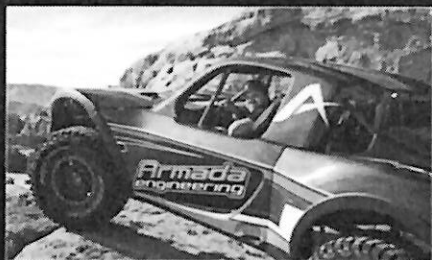


### Darren Skilton

Glickenhaus Boot Project and Race Manager  
*Racer, OEM race prototyper, Guide*

- Professional off-road race driver since 1993
- 6 Baja 1000 Class wins for Jeep and Kia
- 2 Dakar Rally Class wins with Ford Raptor and T1 prototype
- Managed OEM production race programs for Jeep, Kia, Honda
- Off-road driving and navigation instructor
- Consultant for OEM manufacturers on off-road performance projects
- Director Sonora Rally, the only North American Road to Dakar event
- Off-road tour guide for Aventura Travel
- North American liaison for the Dakar Rally 2001-2011
- Seeded FIA Driver for Cross Country Rallies
- Fluent in French and Spanish

## BOOT TEAM (CONT.)



### Armada Engineering

Glickenhous Boot Lead Engineer and Prototype Manufacturer  
*Engineers, fabricators, builders of off-road dreams.*

- Leading manufacture of high performance off-road race vehicles
- Engineered and Manufactured vehicles competing in SCORE, Best in the Desert, King of the Hammers, Abu Dhabi Desert Challenge, Taklamikan Rally, Indonesia Xtreme Offroad Rally
- Many race wins across the globe
- Developed and manufactured innovative vehicle solutions for films such as Fast and Furious, Monster Trucks, and Lost in Space
- Sustained OEM Race programs for Ford and Oshkosh Defense
- Race team management for high profile clients such as Johnny Buss – Los Angeles Lakers
- Top level race vehicle prep and maintenance, logistics and track support based out of Los Angeles, CA

Solution B: CARB add to their current definition of replica the following language:

“Or any vehicle which has, by the time of the adoption of this regulation, been approved by NHTSA as a replica, as evidenced by the vehicle’s identification in a NHTSA-Approved Low Volume Manufacturer’s VIN Decoder.”

CARB's Stated Objective: Align with FAST ACT to Allow Replica Sales in California

"Staff is proposing to establish a certification process for new light-duty certified engine packages for use in an SPMV [as manufactured and sold under the Federal FAST Act]."

- CARB Initial Statement of Reasons pages 2-3

"THE PROBLEM THAT THE PROPOSAL IS INTENDED TO ADDRESS."